8-Port 10/100Mbps Layer 2 Managed Switch with 100Base-FX Port

TE100-S810Fi

The 8-port 10/100Mbps Layer 2 Managed Switch provides exceptional performance, ease of use and flexibility for expanding business networks with fiber connection. Utilizing a robust 3.8Gbps backplane, your managed switch can easily accommodate multiple switches and relieve server congestion by using its built-in fiber port. Advanced management features include SNMP, VLAN, IGMP, and Port security.

FEATURES

- 8 x 10/100Mbps Auto-MDIX Port
- 1 x 100Base-FX SC type Multi-Mode Fiber Port
- Supports switch Fabric up to 3.8GBps
- Layer 2 Management Switch with Full Software Support
- IGMP Snooping with Query Mode Support for Multi-Media Application
- Supports Broadcast Storm Filtering
- Supports Port Status Control (Status, Auto-Negotiation, Speed, Duplex and Flow Control)
- Supports Port Trunking with Flexible Load Distribution Control and Fail-Over Functions
- Supports Port-Based VLAN and IEEE 802.1Q Tag-Based VLAN
- Supports IP Multicast, Port Mirroring, Spanning Tree, SNMP and RMON
- Supports Port Security and IEEE 802.1p Class of Services
- Store-and-Forward Switching Architecture with Non-Blocking Wire-Speed Performance
- Configuration via RS-232 Console Port, Telnet, and Web Browser (HTTP)
- TFTP Firmware Upgrade via Browser
- Configuration File Save and Restore Feature Support
- 5-Year Warranty

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SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3 10Base-T Ethernet; IEEE 802.3u 100Base-TX Fast Ethernet • IEEE 802.3x Flow Control; IEEE 802.1D Spanning Tree • IEEE 802.1q Tag-based VLAN; IEEE 802.1p Class of Service • IEEE 802.3ad Link Aggregation
Interface	• 8 x 10/100Mbps Auto-MDIX RJ45 Fast Ethernet Port • 1 x 100Base-FX SC type Fiber Port
Packet Forwarding and Filtering Rate	• 100M Ethernet: 148,800 packets per second per port • 10M Ethernet: 14,880 packets per second per port
Cabling	• Fast Ethernet: UTP/STP Cat. 5, EIA/TIA-568 100-ohm, 100 meters max • Fiber: (50/125um, 62.5/125um), 2km max
Console Port	• RS-232, female 9-Pin Serial Port (M-M serial cable included)
Protocol/Topology	• (CSMA/CD) / Star
Buffer Memory	• 2Mbits Data Buffer
Filtering Address Table	• 8K MAC Address Entries
Bandwidth	• Up to 3.8Gbps
LED Display	• Power, Link/Activity, Full Duplex/Collision
Power	• Input: 100~240VAC, 50/60Hz Internal Power Supply
Power Consumption	• 17 watts
Dimensions	• 250 x 133 x 37mm (9.8 x 5.2 x 1.5 inch) (W x H x D)
Weight	• 1.08 Kg. (2.4 lb.)
Temperature	• Operating: 0° ~ 45° C (32° ~ 113° F) • Storage: -40° ~ 70° C (-40° ~ 158° F)
Humidity	• 10% ~ 90% non-condensing
Safety Emissions	• FCC, CE
Software	
Management	• Web Management, RS-232 Console Management, Telnet
Trunk	• Max 4 Groups (up to 4 ports per group)
Class of Service	• Supports High and Low Priority
QoS	• Supports 8 Levels of Priority and Mapping to High/Low Priority Queue for Class of Service
VLAN	• Up to 256 VLAN groups and up to 4094 VLAN ID
IP Multicast	• IGMP Snooping up to 256 groups • 2 Types of Query Mode: Enable/Disable or Auto Query
Filter Database	• Port Static MAC address lock, MAC filter and Port Security
Port Mirror	• Up to 8 ports
Broadcast Control	• None, 5%, 10%, 15%, 20%, 25%
Spanning Tree	• IEEE 802.1d Support
RFC Standard	• RFC1157 SNMP, RFC 1213 MIB II, Bridge MIB, RFC 1643 Ethernet Like, RFC 1493 Bridge MIB, RFC 1757 RMON1, RFC 1215 Trap, RFC 768 UDP, RFC 783 TFTP, RFC 791 IP, RFC 792 ICMP, RFC 854 TELNET Server/Client, RFC 1112 IGMP, RFC 2068 HTTP, private MIB, RFC 2674 VLAN MIB

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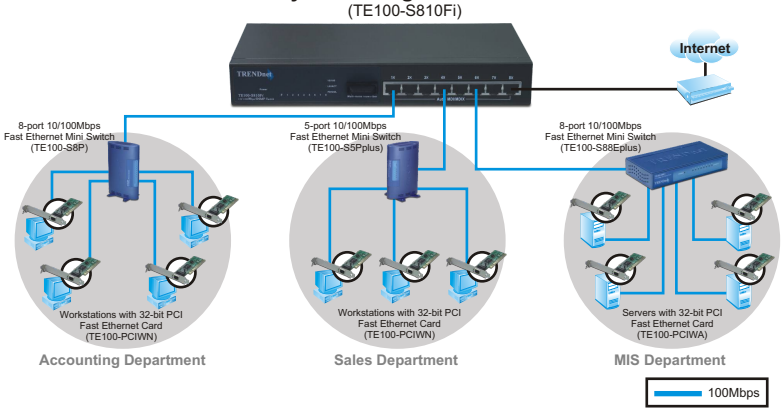
NETWORKING SOLUTIONS

8-Port 100Base-FX Layer 2 Managed Switch with 100Base-FX Port
(TE100-S810Fi)


Internet
8-port 10/100Mbps Fast Ethernet Mini Switch (TE100-S8P)
5-port 10/100Mbps Fast Ethernet Mini Switch (TE100-S5Plus)
8-port 10/100Mbps Fast Ethernet Mini Switch (TE100-S88Eplus)
Workstations with 32-bit PCI Fast Ethernet Card (TE100-PCIWN)
Workstations with 32-bit PCI Fast Ethernet Card (TE100-PCIWN)
Servers with 32-bit PCI Fast Ethernet Card (TE100-PCIWA)
Accounting Department
Sales Department
MIS Department
100Mbps

PACKAGE CONTENTS

- TE100-S810i
- CD-ROM (User's Guide)
- Quick Installation Guide
- RS-232 Cable / Power Cord

RELATED PRODUCTS

TE100-S810Fi	8-Port 10/100Mbps Layer 2 Managed Switch with 100Base-FX Port
TEG-S081Fi	8-Port 100Base-FX Layer 2 Managed Switch with GBIC Slot

ORDERING INFORMATION

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